

Claims

What is claimed is:

1 This present invention is a one piece polyethylene device with an inverted flange with a groove in back of the device to be used on new buildings by placing the a conduit in to the groove then through the hole in the wall to the return duct or can be mounted flash by removing the metal cap on a retro fit.

2 This pre-filtering device by using Know special tools is able to release the filter, using a pull tab on the front of the device and reinstall by inserting the filter upward on a thirty degree angle towards the back, resting it on the two rear tabs then raising the front to lock in tightly against the seat by the two rear tabs at the rear of the front pull tab.

3 This pre-filtering device having a revolutionary filter constructed of An aluminium frame, raised pattern screen, moisture resistant 100% synthetic fibre material, this allows the pre-filtering device to function, dealing with the outside elements this is accomplished by the said raised pattern screen in the winter by allowing the frost to build up, keeping it off the media and leaving opening for the air to flow through evaporating the frost like a self defrosting fridge as the temperature is the same on both sides of the filter.